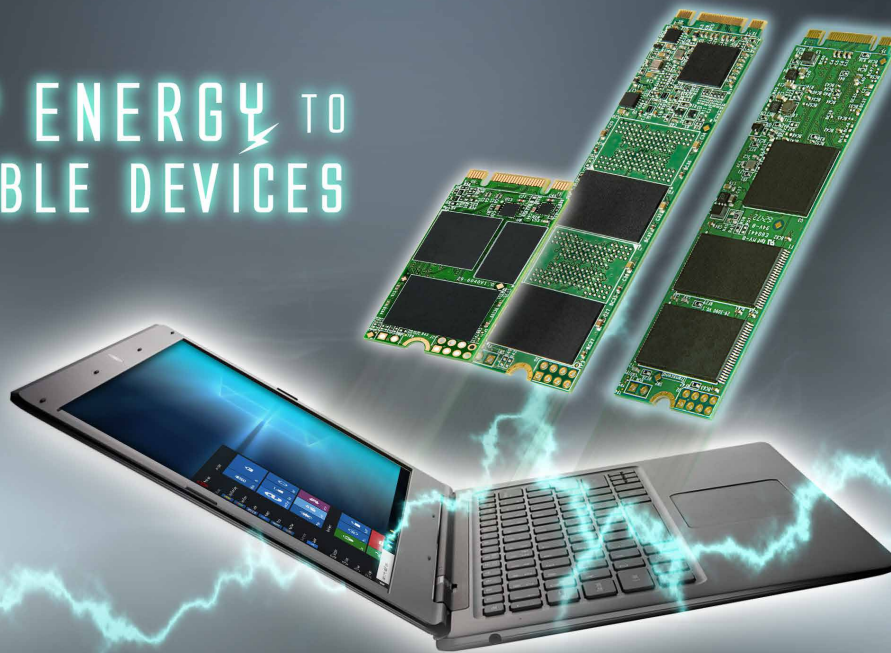


PUMP ENERGY TO  
PORTABLE DEVICES



Space-saving  
**M.2 SATA** form factor  
for ultra-compact computing devices

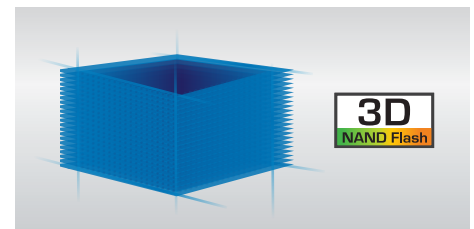
## M.2 Solid State Drive | MTS Series (TLC)

Utilizing the SATA III 6Gb/s interface, Transcend's ultracompact M.2 SSDs are well-suited to address the high-performance needs and strict size limitations of small form factor devices. By using only high-quality flash chips and enhanced firmware algorithms, Transcend's M.2 SSDs deliver peerless reliability.



### Built-in SLC caching technology

- Single-sided form factor (MTS810)
- SATA III 6Gb/s interface and SLC caching technology for exceptional transfer speeds
- Engineered with a RAID engine and LDPC (Low-Density Parity Check) coding to ensure data integrity
- Supports Device Sleep Mode (DevSleep) to prolong notebook battery life by intelligently shutting down SATA interface when not in use
- Supports S.M.A.R.T., TRIM and NCQ commands
- Three-year Limited Warranty



### 3D NAND flash chips (MTS420 / MTS810)

	MTS420	MTS810	MTS820
<b>Dimensions (max.)</b>	42.0mm × 22.0mm × 3.58mm (1.65" × 0.87" × 0.14")	80.0mm × 22.0mm × 2.23mm (3.15" × 0.87" × 0.09")	80.0mm × 22.0mm × 3.58mm (3.15" × 0.87" × 0.14")
<b>Weight (max.)</b>	8g (0.28 oz)	8g (0.28 oz)	9g (0.32 oz)
<b>Interface</b>	SATA III 6Gb/s	SATA III 6Gb/s	SATA III 6Gb/s
<b>Storage Media</b>	3D NAND TLC Flash Memory	3D NAND TLC Flash Memory	TLC NAND Flash Memory
<b>Form Factor</b>	M.2 Type 2242	M.2 Type 2280	M.2 Type 2280
<b>Performance*</b>			
<b>Seq. read/write</b>	560MB/s, 500MB/s	550MB/s, 420MB/s	550MB/s, 420MB/s
<b>Max. 4K random read</b>	35,000 IOPS	30,000 IOPS	78,000 IOPS
<b>Max. 4K random write</b>	85,000 IOPS	70,000 IOPS	78,000 IOPS

\*Speed may vary due to host hardware, software, usage and storage capacity.